

ABSTRACT OF THE DISCLOSURE

An image correction section in an image processing section performs a resolution-enhancing process for an input R signal from a RED photodiode array 9R1,
5 an input G signal from a GREEN photodiode array 9G1 and an input B signal from a BLUE photodiode array 9B1, using an input K signal from a BLACK photodiode array 9K1. The image correction section outputs four signals: an R_{c1} signal, a G_{c1} signal and a B_{c1} signal,
10 which are subjected to the resolution-enhancing process, and the K signal that is used for the resolution-enhancing process.